



**SAN FRANCISCO  
STATE UNIVERSITY**

Administration 471  
1600 Holloway Avenue  
San Francisco, CA 94132

OFFICE OF RESEARCH AND SPONSORED PROGRAMS  
HUMAN AND ANIMAL PROTECTIONS

INSTITUTIONAL REVIEW BOARD

Tel: 415/338-1093  
Fax: 415/338-2493  
E-mail: [protocol@sfsu.edu](mailto:protocol@sfsu.edu)  
Web: <http://research.sfsu.edu/protocol>

Date: August 24, 2011

To: Rosemarie Bowler

Re: An Epidemiologic Health Study of Manganese Exposure in Adult Residents of East Liverpool, Ohio

The Institutional Review Board (IRB) at San Francisco State University has reviewed and approved the modification for the use of human subjects in the above protocol. You may proceed with your research as described in your protocol and as modified in any subsequent correspondence.

**Protocol Number: H11-39a** This number should be used on all correspondence.

**Modification Approval Date: August 24, 2011**

**Expiration Date:** This approval expires on **July 19, 2012**.

If the project is to be continued, it must be renewed before the expiration date.

Please allow six weeks for processing of renewal applications. **Data cannot be used in the research if collected after the expiration date, before the protocol has been renewed.**

**Completion:** Upon completion of the project, a Study Completion Form must be submitted to the IRB.

**Adverse Event Reporting:** All unanticipated or serious adverse events must be reported to the CPHS within ten working days.

**Modifications:** Prior IRB approval is required before implementing any changes in the approved documents. **Data cannot be used if collected before changes in the research are approved.**

**Recordkeeping:** You must retain all signed consent forms for at least 3 years after all research activity is completed.

**Questions:** Please contact the IRB at 415:338-1093, or at [protocol@sfsu.edu](mailto:protocol@sfsu.edu)

Sincerely,

Institutional Review Board